

ABSTRACT OF THE DISCLOSURE

In microtomes or ultramicrotomes, it is necessary to preset the specimen (14) onto the knife (16). In order to facilitate and automate this presetting operation, which is intended to guarantee the fastest and most accurate possible positioning of the knife (16) relative to the specimen (14), the spacing (13) between the trimmed surface (15) of the specimen (14) and the specimen holder (22) is ascertained and is transferred to the microtome or ultramicrotome (10). The spacing (13) is preferably ascertained in the trimming device (12).